

Exercise 1 *Feel free to use Desmos or another graphing calculator for the following problems.*

(a) Let f be a function defined by $f(x) = e^x - 1$.

The function f has zero(s).

(b) Let g be a function defined by $g(x) = e^x + 1$.

The function g has zero(s).

(c) Let h be a function defined by $h(x) = x^3 - 4x^2 + x - 6$.

The function g has zero(s).
